

Low Profile SlimSAS Connector

OVERVIEW



Low Profile SlimSAS Connector is designed for higher speed and smaller size solution in computing, storage and switch devices, it is used in application of 24Gb/s SAS signal, 16GT/s PCIe signal and UPI between CPUs. With 0.60 mm contact pitch, Low Profile SlimSAS solutions are smaller than standard slimsas and MiniSAS-HD to save space in end devices. Metal shell on receptacle and latch on plug to provide high reliable interconnection.

FEATURES & BENEFITS

- 74pin (8i) with Vertical and Right angle type options
- Higher port density than MiniSAS-HD and smaller size than standard slimsas
- Mating height is only 13.4 mm in vertical type
- Board size is only 11.9 mm width in right angle type
- Supports SAS 4.0 (24Gbps), UPI 11.2(16GT/s) and PCIe 4.0 (16GT/s)

PRODUCT APPLICATIONS

Servers
Workstation
Data Storage
JBOD
SAS HBA/RAID Controller Card

INDUSTRY STANDARDS

SFF-8654

TECHNICAL INFORMATION

MATERIAL

Contact Base Metal: Copper Alloy
Contact Area Finish: Gold over Nickel
Solder Area Finish: Tin over Nickel
Housing: High temperature thermoplastic(UL 94V-0)

ELECTRICAL PERFORMANCE

Voltage: 30V AC MAX
Current: 0.5A MAX per contact
Differential Impedance: 85Ω ± 10Ω

ENVIRONMENTAL

Operating temperature : -40°C TO +85°C
Non-operating Temperature : -55°C TO +85°C
Storage temperature : -20°C TO +85°C

MECHANICAL PERFORMANCE

Rated Durability Cycles 250
Mating Force: 0.42N/pin MAX
Unmating Force: 0.32N/pin MIN

PACKAGING

Tape & Reel

SPECIFICATION

ES-11-00-0008

Partial PN Table

Product Numbers	Product Description
PSL060-7463-B0A-1H	Vertical x8
PSL060-74B3-T0A-1H	Right Angle x8